

EXPECTED PERFORMANCE CURVES

Sealless Magnetic Drive Pump

Model: YD-253GS

IMPELLER DIA. = 5.91"

S.G.=1.1

Discharge : 1.0"/1.0"

Max TDH : 137 ft.

Max Capacity : 39.6 gpm

Liquid Temperature : Ambient

Magnet : Neodymium

Horsepower : 3 HP

Motor Frame : 56C

Phase : 3

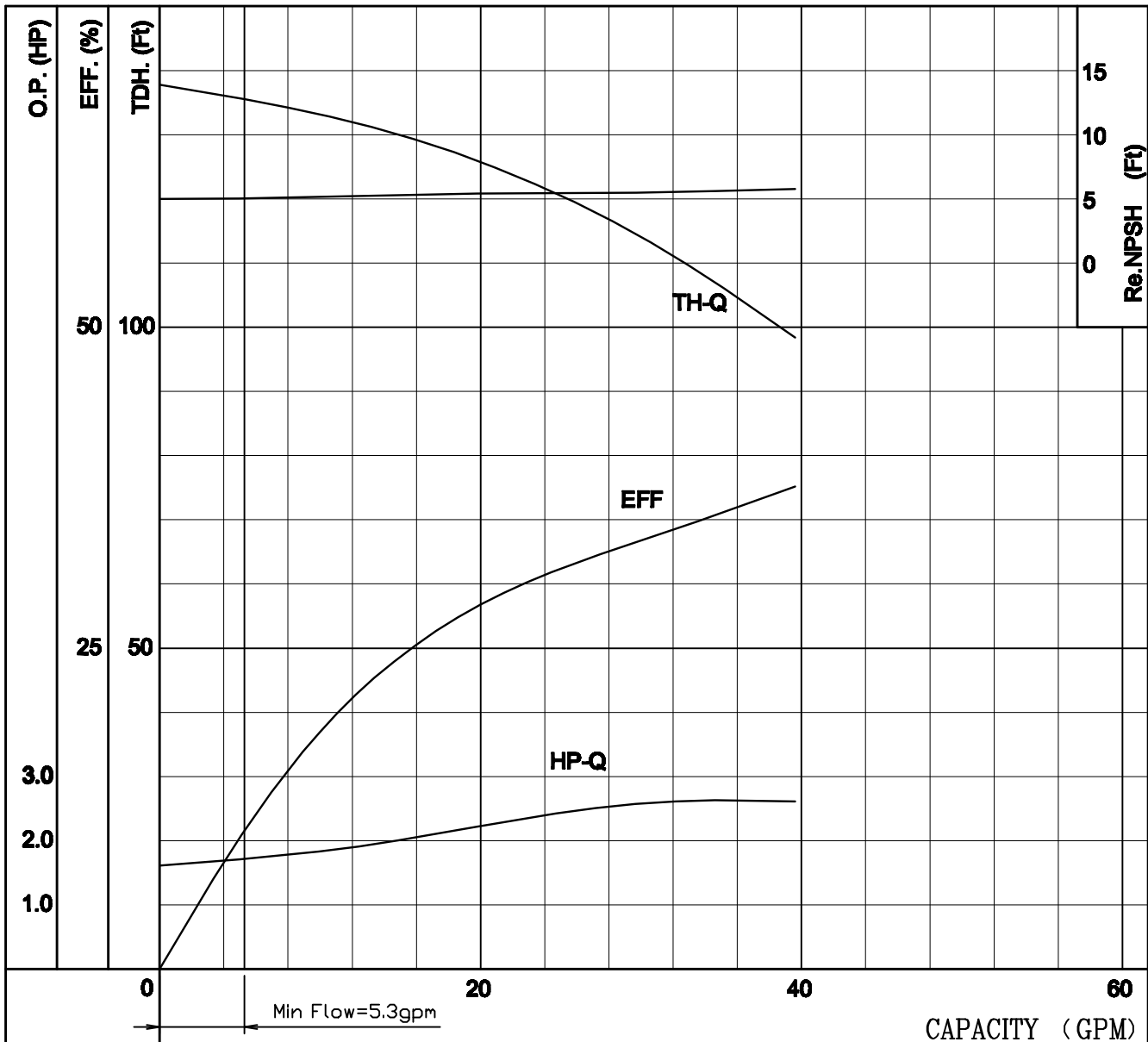
Frequency : 60Hz

Speed : 3450 rpm

QUICK REFERENCE GUIDE

*Current and voltage for this performance test are and respectively.

No.	P u m p				M o t o r	
	Capacity	TDH	Water Power	Efficiency	Output	
	gpm	ft.	kW	%	kW	HP
1	0.0	137.8	0.000	0.0	1.20	1.61
2	10.0	133.1	0.250	18.5	1.35	1.81
3	20.0	125.7	0.472	28.4	1.66	2.23
4	30.0	114.0	0.642	33.4	1.92	2.58
5	39.6	98.4	0.734	37.6	1.95	2.61



World Chemical USA, Inc.